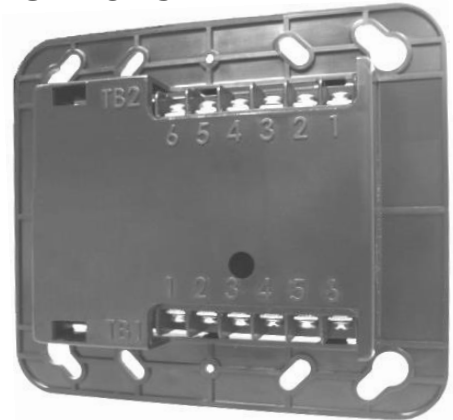


Peripheral Devices

Intelligent Control Point Device Model HCP | -Z

ARCHITECT AND ENGINEER SPECIFICATIONS

- Intelligent device for use with various Siemens – Fire Safety fire-alarm control panels (FACPs)
- Used as a telephone zone, speaker zone or notification appliance circuit (NAC)
 - Provides 24VDC NACs when used with a Siemens FACP
 - Used as a NAC under the Siemens – Fire Safety NAC product line
 - Provides either a 25V (35 Watts) or 70.7V (25 Watts) single-channel speaker zone (only used with Siemens Modular and FireFinder® XLS)
 - Provides firefighters' telephone circuit (only used with Siemens Modular and FireFinder XLS FACPs)
- Polarity insensitive with *SureWire™* technology
- Mounts on standard electrical box
 - 4" (10.2 cm.) square or double gang
- No mechanical-address programming required
- Includes a dial-tone generator for telephone use



- Supervised input and output power
- ⓈUL Listed, ⓈULC Listed;
CSFM and NYC Fire Dept. Approved

Product Overview

Model HCP | -Z from Siemens – Fire Safety is an intelligent control point device designed for use with Siemens – Fire's NAC series of alarm signaling devices. Additionally, various Siemens – Fire Safety FACPs, which include Siemens Modular as well as the 50-point, 252-point and 504-point addressable FACPs can recognize Model HCP devices.

Model HCP | -Z can be configured as an independent, remotely located telephone zone, speaker zone or NAC. Model HCP | -Z is programmed and tested using the Device Programming / Test Unit (Model DPU), which eliminates the need for mechanical-addressing mechanisms (i.e. – program jumpers, DIP switches or rotary dials).

Model HCP is supervised for loss of 24 VDC input power, as well as short-or-open output-zone wiring. Model HCP | -Z mounts in a standard double-gang or 4" (10.2 cm.) square electrical box.

When Model HCP | -Z is programmed as a speaker zone, the high-power audio risers are supervised using the Model ZAC-40 zone amplifiers. Programmed as a telephone zone, the telephone riser is supervised by the (8) Eight-Zone Telephone Card (Model TZC-8B).

Specifications

Model HCP | -Z communicates through the analog loop of Models XDLC for Modular systems (Model DLC for FireFinder). Each control-point device can be wired in either Class A (Style Z) or Class B (Style Y). The 24 VDC power input comes from either the FACP or from any ⓈUL Listed power-limited, auxiliary power supply.

For Siemens Modular | FireFinder XLS systems, compatible power supplies for the intelligent control point device are:

- Model PSC-12 power supply
- Model PSX-12 power-supply extender
- Models PAD-3, PAD-4 NAC extenders, or
- Any power-limited, 24 VDC power supply that is ⓈUL Listed for fire-protective signaling use

For the Siemens 50-point, 252-point and 504-point addressable fire systems, compatible power supplies include:

- Siemens NAC circuits
- PAD-3 or PAD-4 NAC Extenders
- Any power-limited, 24 VDC power supply that is ⓈUL Listed for fire-protective-signaling use

Specifications – (continued)

Up to 60 Model HCP | -Z devices can be wired to a given loop on a Siemens Modular system, as well as on a Siemens 50-point, 252-point or 504-point addressable fire system.

NOTE: The maximum NAC load that may be connected from Model HCP | -Z into a 50-point, 252-point or 504-point fire system is 1.50 Amps at 24VDC.

Technical Data

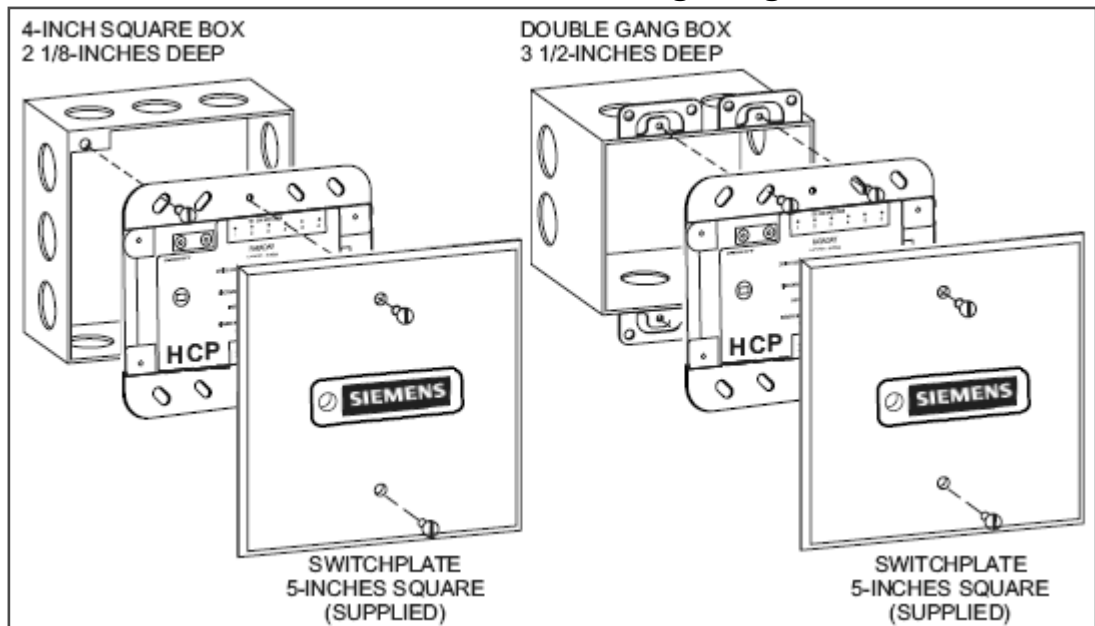
Electrical:

Current Draw (Active or Standby)	1.0mA
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Temperature and Humidity Range

The H-series intelligent control point device is @UL 864 Listed for indoor dry locations within a temperature range of 120 +/- 3°F (49 +/- 2°C) to 32 +/- 3°F (0 +/- 2°C) and a relative-humidity range of 93 +/- 2% at a temperature of 90 +/- 3°F (32 +/- 2°C).

Mounting Diagram



1. Use a standard 3-1/2" (8.9 cm.) deep, double-gang electrical switchbox or a 4" (10.2 cm.) square electrical box that is 2-1/8" (5.4 cm.) deep with either a 1.5" (3.8cm.) deep extension or a 1.25" (3.2cm.) deep plaster-ring extension.
2. Connect the field wiring. Insert Model HCP into the box and fasten the device plate to the box.
3. Cover the device front plate with the 5" (12.7 cm.) switchplate (supplied) and fasten with two (2) plate screws.

Details for Ordering

Model	Part Number	Description
HCP	500-034860	Intelligent Control Point Device
HCP-Z	S54322-F9-A1	Intelligent Control Point Device [C.O.O.+ - USA]

* denotes (C)ountry (o)f (O)rigin

Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.